

Sub 3
line, wherein the genes are arranged in the vector such that said GS gene can be expressed and glutamine independent colonies can be produced.

B1 *Sub 2*
16. The vector of Claim 15, wherein said gene encoding the protein heterologous to said lymphoid cell line comprises a relatively strong promoter, and wherein said GS gene comprises a relatively weak promoter located upstream of said the gene encoding the protein heterologous to lymphoid cell line.

3 *method*
17. The vector of Claim 16, wherein said relatively weak promoter is the SV40 early region promoter and said relatively strong promoter is the hCMV-MIE promoter.

4
18. The vector of Claim 15, wherein said gene encoding the protein heterologous to said lymphoid cell line comprises a relatively strong promoter, and wherein said GS gene comprises a relatively weak promoter that directs expression in the opposite direction to that of said gene encoding the protein heterologous to lymphoid cell line.

19. The ⁵vector of Claim 18, wherein said relatively weak promoter is the SV40 early region promoter and said relatively strong promoter is the hCMV-MIE promoter.

20. The vector of Claim 18, wherein said vector comprises a GS gene that comprises a weak promoter, and wherein said gene encoding the protein heterologous to said lymphoid cell line comprises an Ig heavy chain gene having a strong promoter and an Ig light chain gene having a strong promoter, wherein said strong promoter of said light chain gene is orientated in the opposite direction to said promoters of said GS and heavy chain genes, and wherein said Ig heavy chain gene is downstream from said GS gene.

21. The vector of Claim 15, wherein said vector comprises a GS gene that comprises a weak promoter, and wherein said gene encoding the protein heterologous to said lymphoid cell line comprises an Ig heavy chain gene having a strong promoter and an Ig light chain gene having a strong promoter, wherein said strong promoter of said Ig light chain gene is orientated in the opposite direction to said promoters of said GS and heavy chain genes, and wherein said Ig heavy chain gene is downstream from said GS gene.